Onko – Establishment of the National Oncology Network and the National Oncology Data Base (Onko)

Design, development, implementation and warranty-period support of the Oncology platform

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Project Goals

- Current state:
  - Croatia is facing one of the most serious public health challenges within the European Union - high cancer incidence, even higher mortality rates and insufficient treatment outcomes. As a solution, the National Strategic Framework against Cancer is being introduced and Croatia sets the goal of providing equal and high-quality oncology care to all its citizens, regardless of their geographical location or availability of resources.

- Solution:
  - introduce a unique IT platform of the **National Oncology Network and the national oncology data base** with the aim:
    - analysis of the current state of the treatment process, comparison with protocols (national, international) and determination of availability and timeliness in oncology treatment procedures,
    - standardization of the process of exchanging medical documentation between all participants and institutions in the process of processing and treating oncology patients,
    - collection, processing and exchange of structured data,
    - use and interpretation of data for the purpose of improving the treatment process and outcomes, conducting medical research, making business decisions in accordance with quality data and launching further initiatives with the purpose of continuously improving oncology care

Project Benefits

New possibilities

1. Dedicated oncology registry.
2. Implementation of therapeutic programs with dedicated budget, inclusion criteria, treatment guidelines.
3. Development of screening programs.
4. Interoperability and collaboration between primary, secondary and tertiary healthcare providers.
5. Best practices from other countries and implementation of benchmarks including education and knowledge exchange/transfer.

Budget impact

1. Development of oncology medical programs for targeted patient groups with required treatment standards.
2. Full control of patient inclusion criteria, budget tracking by money / patient numbers.
3. Overview of what is available and performed by selected providers.
4. Management of all patient treatment pathways including medical documentation in a digital patient registry.
5. Possibility of risk-sharing agreements for expensive drugs / payment by performance.

Impact on the patient

1. Improved clinical outcomes, patient survival, quality of life and level of service.
2. Access to modern standardized oncology treatment.

Impact on GDP

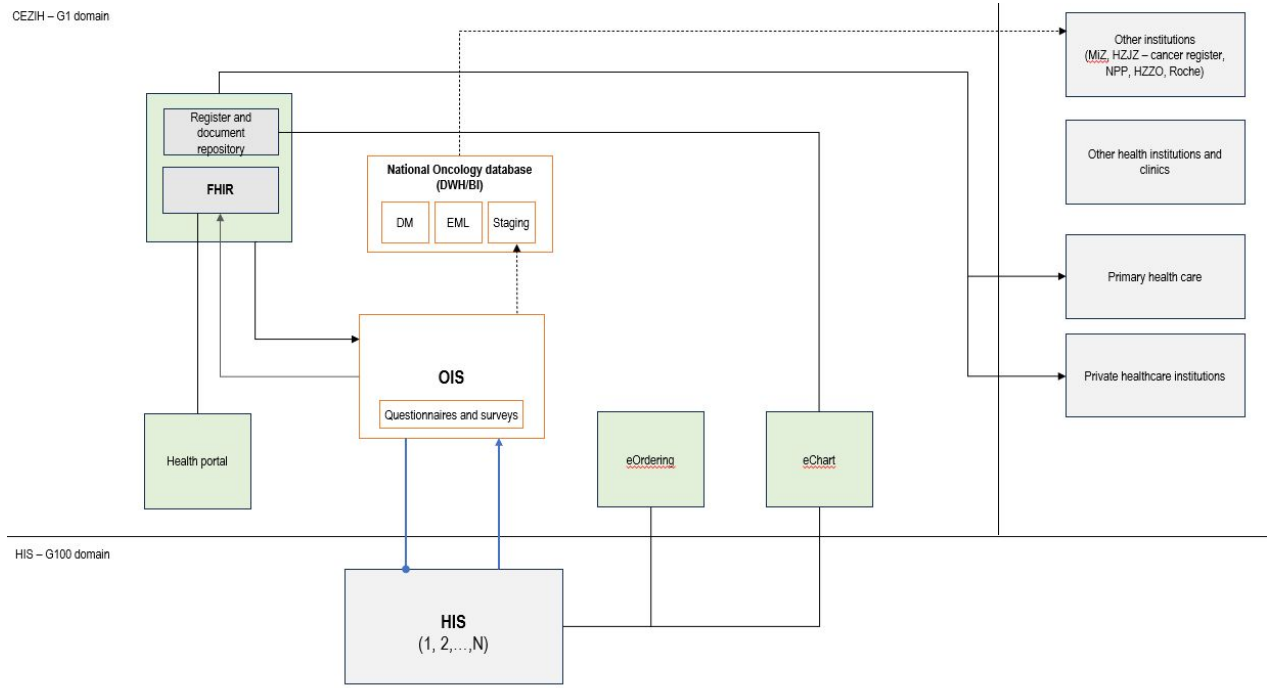
1. Facilitate the development of partnerships, academic collaboration and cross-country collaboration, including the use of EU/donor funding.
2. Secondary use of data for retrospective studies and clinical trials that improve access to innovation/knowledge transfer/revenue for hospitals.
3. Development of screening programs and implementation of best practices.
4. Implementation of performance-based payment for value-based healthcare (expensive innovative therapies and rare diseases).
5. Optimization of system costs.

EU initiatives

1. Development of a national plan for cancer/rare diseases and alignment with EMA standards.
2. Transnational cooperation and knowledge transfer.

Project Scope

- The Oncology Information System (OIS) is a new, customizable platform that connects multidisciplinary healthcare professionals to make informed decisions about the care of oncology patients. The goal is to provide standardized, holistic, and collaborative oncology care.
- The national database of oncology data is a central repository for all data needed by users from one or more organizations (participants of the Oncology Network) for which the data repository enables efficient data analysis and reporting
- Integration with national platforms like CEZIH, Hospital information systems in every hospital, Integration into the existing architecture of business solutions in the healthcare system

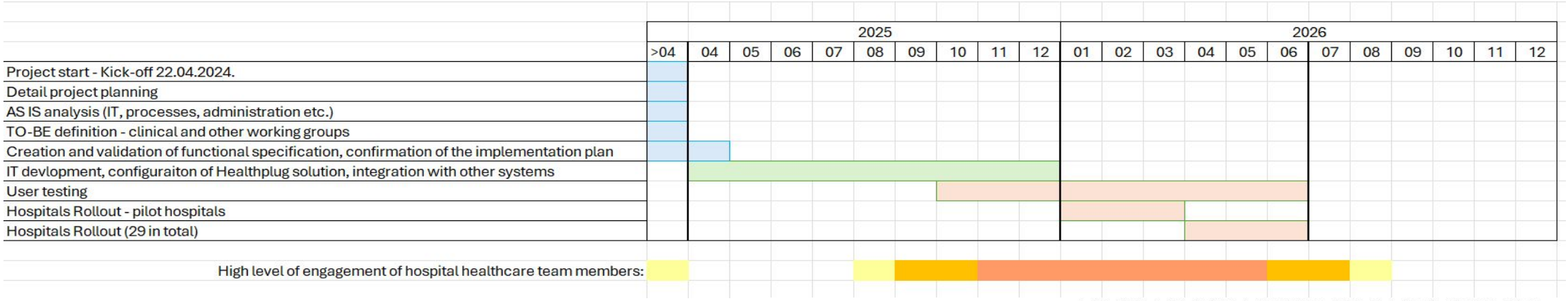


Project Setup

Consortium member	What this member brings to this project
IQVIA	▪ Global and local experience in healthcare IT projects ▪ Local presence and knowledge of the Croatian healthcare sector ▪ The solution around which the Oncology Network will be built
SORSIX	▪ Global experience in healthcare IT projects ▪ Intensive knowledge of the public healthcare sector ▪ Experience in integrations and implementation of HL7/FHIR protocols that form the basis of technical system connectivity
EVIDEN	▪ Local presence ▪ Knowledge of processes and systems in HZZO, CDU and other state institutions ▪ Extensive experience in implementing complex IT solutions and managing complex projects (programs) ▪ Extensive experience in implementing DWH solutions

Project Schedule

- Work plan (PM plan)
  - Late confirmation of Functional specification document – Phase 1 prolongated for 6 months



- Work plan – hospital rollouts
  - Pilot testing in a production environment in the nominated pilot hospitals CHC Zagreb, CHC Split, GH Pula and GH Zadar is scheduled for the first quarter of 2026

Few numbers for Phase 1

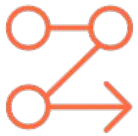
More than 100 clinical workshops were conducted in phase_1 of project

The National Oncology Network aims to bring the Oncology related information under a centralized solution through OIS, to be implemented in 29 public hospitals while integrating with national platforms like CEZIH, HIS in every hospital to cater to 16 Oncology specialties across Adult and Pediatrics, serving 23 tumor types and 107 tumor sites to be implemented over 2.5 years with the go-live in Jan 2026 for the four pilot hospitals.

2.5 Years

Duration of implementing the project across 3 phases of solution design documentation, implementation & training

29 Hospitals



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Integration at national level

CEZIH, BIS and DWH to serve for reporting data for national level analytics on Oncology attributes for tracking treatment outcomes

Oncology Specialties **16**

Covered across Adults & Pediatrics

23 Tumor Types

Covered in oncology assessment & treatment

107 Tumor Sites

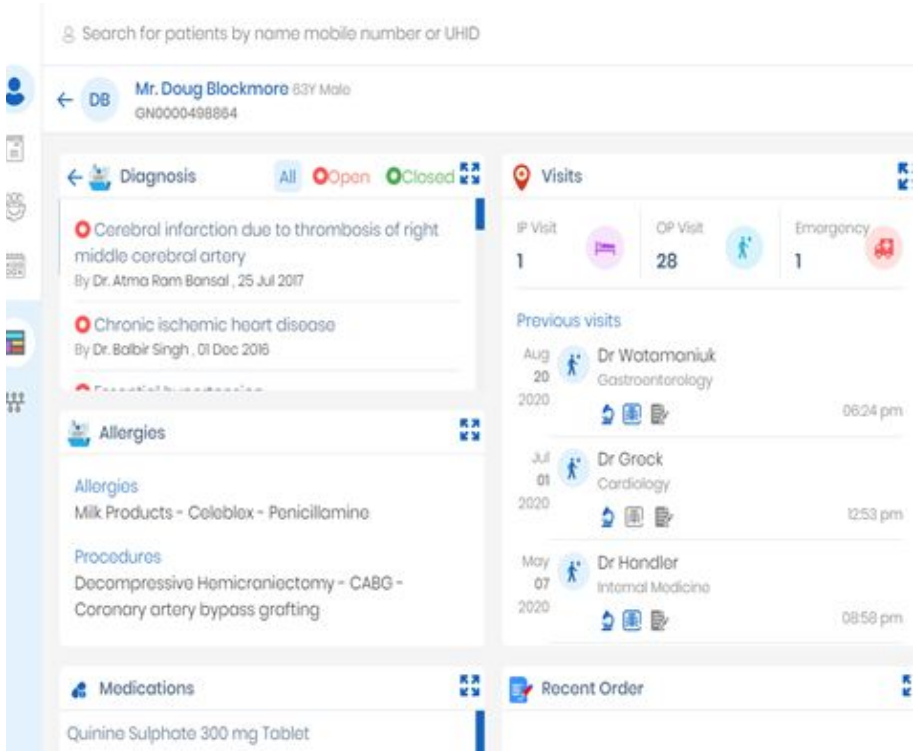
Elaborated in detail by tumor type in adult and pediatric patients, down to the level of clinical attributes, in a structured manner

EVIDEN Atos

Next steps and major risks

- Next steps:
  - Testing with oncologists started in November 2025 - Clinical Hospital Center Split.
  - Rollout in Pilot hospitals January 2025 – Clinical Hospital Center Zagreb, General Hospital Pula and General Hospitals Zadar.

- Major risks and concerns:
  - Growing needs for additional integrations and retrieving structured data from third parties - additional needs for administrative tasks of data entry.
  - Acceptance of Oncology Network solutions in hospitals and active use by oncologists.



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